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Amendments to the Specification:

Please replace the paragraph beginning at page 4, line 28 with the following:

--Figure 3 shows an alignment of the deduced amino acid sequences for the sialyltransferases. The OH4384 *cst-I* gene (first 300 residues) (Cst-I; SEQ ID NO:48), OH4384 *cst-II* gene (OH4384; SEQ ID NO:3) (identical to OH4382 *cst-II*), O:19 (serostrain) *cst-II* gene (O:19; SEQ ID NO:9) (GenBank #AF167344) , NCTC 11168 *cst-II* gene (11168; SEQ ID NO:10) and an *H. influenzae* putative ORF (Hi_ORF; SEQ ID NO:49) (GenBank #U32720) were aligned using the ClustalX alignment program (Thompson *et al.* (1997) *Nucleic Acids Res.* **25**, 4876-82). The shading was produced by the program GeneDoc (Nicholas, K. B., and Nicholas, H. B. (1997) URL: http://www.cris.com/~ketchup/genedoc.shtml).--

Please replace the paragraph (Table 2) beginning at page 48, line 13 with the following:

--Table 2: Primers used for Amplification of Open Reading Frames

Primers used to amplify the LPS core biosynthesis locus
CJ42: Primer in heptosylTase-II ~~(Error! Reference source not found.)~~ (SEQ ID NO:40)
5' GC CAT TAC CGT ATC GCC TAA CCA GG 3' 25 mer
CJ43: Primer in heptosylTase-I ~~(Error! Reference source not found.)~~ (SEQ ID NO:41)
5' AAA GAA TAC GAA TTT GCT AAA GAG G 3' 25 mer

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Primers used to amplify and clone ORF 5a:

CJ-106 (3' primer, 41 mer) (Error! Reference source not found.) (SEQ ID NO:42)

```
        SalI
5' CCT AGG TCG ACT TAA AAC AAT GTT AAG AAT ATT TTT TTT AG 3'
```

CJ-157 (5' primer, 37 mer) (Error! Reference source not found.) (SEQ ID NO:43)

```
           NdeI
5' CTT AGG AGG TCA TAT GCT ATT TCA ATC ATA CTT TGT G 3'
```

Primers used to amplify and clone ORF 6a:

CJ-105 (3' primer, 37 mer) (Error! Reference source not found.) (SEQ ID NO:44)

```
        SalI
5' CCT AGG TCG ACC TCT AAA AAA AAT ATT CTT AAC ATT G 3'
```

CJ-133 (5' primer, 39 mer) (Error! Reference source not found.) (SEQ ID NO:45)

```
          NdeI
5' CTTAGGAGGTCATATGTTTAAAATTTCAATCATCTTACC 3'
```

Primers used to amplify and clone ORF 7a:

CJ-131 (5' primer, 41 mer) (Error! Reference source not found.) (SEQ ID NO:46)

```
          NdeI
5' CTTAGGAGGTCATATGAAAAAAGTTATTATTGCTGGAAATG 3'
```

CJ-132 (3' primer, 41 mer) (Error! Reference source not found.) (SEQ ID NO:47)

```
        SalI
5' CCTAGGTCGACTTATTTTCCTTTGAAATAATGCTTTATATC 3'
```

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In the Informal Sequence Listing:

Please replace the paragraph beginning at page 14, line 1 with the following:

--**SEQ. ID NO: 21. Amino acid sequence of β-1,4-GalNAc transferase from C. jejuni** ~~0:1~~ **0:10.**--

Please replace the paragraph beginning at page 14, line 1 with the following:

SEQ. ID NO: 22. Nucleotide sequence of β-1,4-GalNAc transferase from C. jejuni ~~0:1.~~ **O:36**

Please insert the accompanying paper copy of the Sequence Listing, page numbers 1 to 52, at the end of the application.